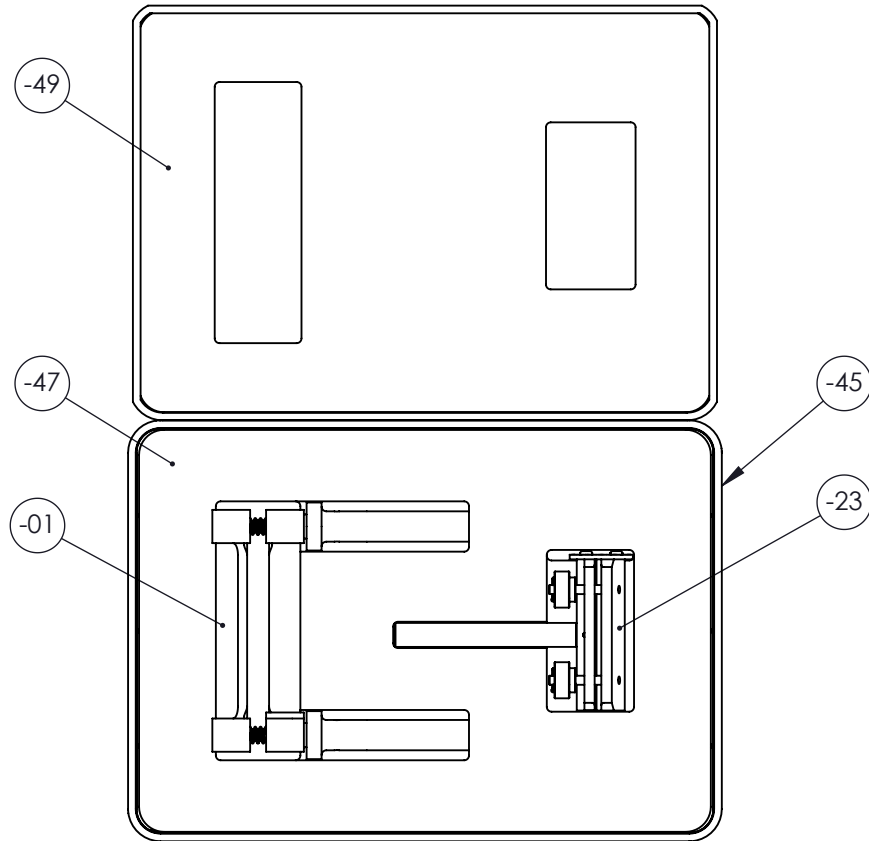


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ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	Pg.
	X		-01	1	IMMOBILIZING CLIP ASSEMBLY			2
	1		-03		BOTTOM FIXTURE	6061		3
	2		-05		FIXTURE HANDLE	6061		4
	2		-07		HANDLE STUD	S.S.	M8 X1.25 X 90mm (MCMASTER-CARR #91287A165) MODIFIED	5
	1		-09		BOTTOM FIXTURE	6061		6
	1		-11		ANGLE INDICATOR	6061		7
	2	B/O	-13		COMPRESSION SPRING	Steel Music Wire	Ø1.25mm X 11.25mm O.D. X 44.5mm (MCMASTER-CARR #94125K815) MODIFIED	16
	2	B/O	-15		PAN HEAD MACHINE SCREW	STEEL	M4 X 0.7mm X 20mm (MCMASTER-CARR #90353A217)	2
	4	B/O	-17		FLAT WASHER	STEEL	M8 (MCMMASTER-CARR # 91166A271)	2
	2	B/O	-19		DOWEL PIN	STEEL	ØM3 X 12mm (MCMASTER-CARR #91595A112)	2
	2	B/O	-21		ROLL PIN	STEEL	Ø1/8 X 3/4 (MCMASTER-CARR #98296A881)	2
X			-23	1	DEFLECTION CLIP ASSEMBLY			8
1			-25		TAB ADJUSTER HANDLE	6061		9
1			-27		TAB ADJUSTER BODY	6061		10
1			-29		TAB ADJUSTER CLAMP	6061		11
1			-31		TAB ADJUSTER GAUGE PLATE	6061		12
2			-33		ADJUSTER	01		13
1		B/O	-35		SLOTTED SPRING PIN	STEEL	Ø1/8 X 7/8 (MCMASTER-CARR #98296A882)	8
2		B/O	-37		KNURLED NUT	STEEL	M6 X 1.0 DIN 6303 TYPE A J.W. WINCO #6NF45/A	8
2		B/O	-39		COTTER PIN	STEEL	Ø3/64 X 1/2 (MCMASTER-CARR #98338A022)	8
2		B/O	-41		DOWEL PIN	STEEL	4mm X 12mm (MCMASTER-CARR #91595A155)	8
2		B/O	-43		PAN HEAD MACHINE SCREW	STEEL	M4x0.7mm X 12mm (MCMASTER-CARR #90353A214)	8
		B/O	-45	1	CASE	PLASTIC	PELICAN #APP-1450-E	1
		B/O	-47	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	4.26 X 10.47 X 14.89 (CASE SOLUTIONS)	14
		B/O	-49	1	TOP FOAM	ETHAFOAM 220, BLACK	1.76 X 10.47 X 14.89 (CASE SOULTIONS)	15
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S
ASSY -23	ASSY -01							

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		MOVED P/N'S <b>-27, -29</b> FROM PAGE 3 TO 4. CH'D ENGRAVE NOTE P/N <b>-03</b> . CH'D HOLE DIA. P/N <b>-25</b> & ADDED P.F. CH'D DOWEL DIM TO METRIC ONLY. CH'D P/N <b>-27</b> ROLL PIN HOLE DIA. TO 4mm ONLY ADDED P.F. CH'D RADIUS DIM P/N <b>-27</b> . CH'D DOWEL DIM TO 4mm OLY ADDED DEPTH .354. CH'D RADIUS DIM <b>-29</b> .	5/1/2009	RJC	RW
1A		<b>-49</b> ADDED LID FOAM.	4/13/2011	RJC	RW
2		CH'D <b>-03</b> & <b>-09</b> NOTE 1 PER R.W. CH'D <b>-05</b> DOWEL PIN HOLE FROM Ø.118in. [Ø3mm] PER G.E. <b>-09</b> CH'D C-DRILL FROM Ø4mm TO Ø.170 PER G.E. CH'D <b>-11</b> Ø.118 HOLE FROM P.F. TO S.F. PER G.E. CH'D <b>-21</b> FROM Ø3mm X 20mm PER R.W. ADDED <b>-25</b> DIMENSION 1.250in. [32mm] TO ENSURE <b>-25</b> WILL S.F. INTO <b>-27</b> PER G.E. CORRECTED <b>-27</b> & <b>-29</b> CHAMFER DIMENSION FROM 1.97in. TO .197 PER G.E. ADDED <b>-51</b> TO BOM. CH'D <b>-41</b> FROM DOWEL PIN.	9/16/2011	RJC	
2A		ADDED <b>-09</b> MISSING Ø3mm HOLE P.F. <b>-19</b> DIMENSION. ADDED <b>-27</b> MISSING R.062 DIMENSION PER G.E.	5/21/2012	RJC	GE
2B		CH'D <b>-03</b> & <b>-09</b> FINISH FROM CLEAR ANODIZE TO RED ANODIZE. REMOVED POWDER COATING NOTES. CH'D <b>-07</b> WAS #91310A558 STEEL TO #91282A165 S.S. CH'D <b>-47</b> WAS ROLL PIN TO DOWEL PIN.	4/17/2013	CFS	RW
3		<b>-03, -09, -27</b> CH'D ENGRAVE NOTE WAS RBEA94-1130-01 IS RBE703A94-1130-01. <b>-05</b> CORRECTED VIEWS. CH'D DIM WAS Ø.315 $\nabla$ 1.25 IS Ø.315 $\nabla$ 1.25 S.F. CH'D DIM WAS Ø.129 THRU IS Ø.129/1.25. <b>-07</b> ADDED DIM S.F. <b>-25</b> . CH'D DIM WAS Ø.157 FOR 1.121 ADDED DIM Ø.6074/.6064 (S.F. <b>-27</b> ). CH'D DIM WAS Ø.118 F. <b>-19</b> IS Ø.118/.0076 (X2). <b>-11</b> CH'D DIM WAS Ø.118 S.F. <b>-19</b> (X2) IS Ø.1208/.1197 F. <b>-27</b> CH'D DIM WAS Ø.04mm P.F. <b>-41</b> IS Ø.1575/1.572. CH'D DIM WAS .625 S.F. <b>-27</b> IS (.625) S.F. <b>-27</b> CH'D DIM WAS Ø.4mm THRU S.F. <b>-41</b> IS Ø.1607/1.592 S.F. <b>-41</b> . CH'D DIM WAS Ø.4mm $\nabla$ .354 (X2) IS Ø.1575/1.572 $\nabla$ .35 (X2). ADDED MISSING DIM .236. <b>-31</b> CH'D DIM WAS Ø.157 S.F. <b>-41</b> (X2), IS Ø.1607/1.592, ADDED MISSING DIM (.394). <b>-47</b> ADDED DIM (4X) R.37.	6/24/2013	BIM	RW
4		<b>-25</b> CH'D DIM WAS LIMITS Ø.1572 TO .1575 IS LIMITS Ø.1564 TO .1570. <b>-27</b> CH'D DIMS WAS Ø.1592 TO .1607 IS Ø.1575/.1580. WAS Ø.1572 TO .1575 IS Ø.1567/.1571. <b>-31</b> CH'D DIM WAS LIMITS Ø.1592 TO .1607 IS Ø.1578 TO .1585.	4/10/2014	DPD	GE
5	16-0272	UPDATED TO NEW DRAFTING STANDARD. <b>-01</b> REMOVED NOTE $\nabla$ . <b>-03</b> CH'D DIM WAS 3X R.16 IS R.16. ADDED R.16. CH'D ENGRAVE NOTE WAS ENGRAVE T/N, S/N, "MADE IN USA" IS ENGRAVE T/N, "RBE703A94-1130-01-01", S/N, "MADE IN USA". <b>-05</b> CH'D DIM WAS R.12 IS R.13. WAS Ø.129/.125 THRU IS Ø.129/.125 THRU ALL (P.F. <b>-21</b> ). WAS Ø.315 $\nabla$ 1.25 IS Ø.3169/.3160 $\nabla$ 1.25 (S.F. <b>-07</b> ). ADDED DIM Ø.3150/.3144 (S.F. <b>-05</b> ). CH'D DIM WAS Ø.129/.125 THRU IS Ø.129/.125 THRU ALL (P.F. <b>-21</b> ). <b>-09</b> CH'D DIM WAS 2X Ø.340 THRU $\square$ Ø.63 $\nabla$ .68 IS 2X Ø.340 THRU ALL $\square$ Ø.65 $\nabla$ .68, WAS 2X M4X 0.7 THRU Ø.170 X (.82") CDRILL $\nabla$ 1mm IS 2X M4X0.7 6H $\nabla$ .87. WAS 2X Ø.1180/.1176 IS 2X .1180/.1176 $\nabla$ .87 (P.F. <b>-19</b> ). WAS 3X R.16 IS R.16. WAS .556 IS .556 $\pm$ .001. <b>-11</b> CH'D DIM WAS 2X Ø.1208/.1194 IS 2X Ø.1208/.1194 (S.F. <b>-19</b> ). WAS .157 IS .16. WAS .984 IS .98. WAS .556 $\pm$ .001. <b>-13</b> ADDED DWG. <b>-17</b> CH'D QTY WAS 2 IS 4. <b>-23</b> ADDED NOTE $\nabla$ . <b>-25</b> CH'D DIM WAS (Ø.625) S.F. <b>-27</b> IS Ø.63. WAS Ø.1570/.1564 F. Ø.129/.125 (P.F. <b>-35</b> ). WAS .125 IS 1.21 ADDED DIM Ø.6074/.6064 (S.F. <b>-27</b> ). <b>-27</b> CH'D DIM WAS Ø.625 S.F. <b>-25</b> IS Ø.6110/.6094 (S.F. <b>-25</b> ). WAS Ø.1580/.1575 IS Ø.129/.125 (P.F. <b>-35</b> ). WAS Ø.1571/.1567 $\nabla$ .35 IS Ø.1571/.1567 $\nabla$ .35 (P.F. <b>-41</b> ). WAS M4 X 0.7 $\nabla$ .55 IS M4X0.7 6H $\nabla$ .40. WAS 2X .472 IS 2X .472 $\pm$ .001. WAS 2X .787 IS 2X .787 $\pm$ .001. CH'D ENGRAVE NOTE WAS ENGRAVE T/N, S/N, "MADE IN USA" IS ENGRAVE T/N, "RBE703A94-1130-01-23", S/N, "MADE IN USA". <b>-29</b> CH'D DIMS WAS 1.240 IS 1.24. WAS 3.937 IS 3.94. WAS .315 IS .32. WAS .266 IS .27. WAS 2X Ø.245 THRU ALL IS 2X Ø.252 THRU ALL. <b>-31</b> CH'D DIM WAS Ø.177 IS Ø.177 THRU ALL. WAS 1.272 IS 1.27. WAS 1.102 IS 1.10. WAS 1.653 IS 1.65. WAS .120 IS .12. WAS R3.742 IS R3.74. WAS R4.067 IS R4.07. WAS R4.185 IS R4.19. WAS 3.150 IS 3.15. WAS Ø.1585/.1578 IS .1595/.1588 (S.F. <b>-41</b> ). WAS 2X .472 IS 2X .472 $\pm$ .001. CH'D NOTE 1 WAS PAINT GROOVES & NUMBERS BLACK AFTER ANODIZING IS MACHINE ENGRAVE, PAINT GROOVES, NUMBERS AND SYMBOLS BLACK AFTER ANODIZING. <b>-33</b> CH'D DIM WAS M6 X 1 IS 2X M6x1.0 6g. WAS .100 IS .10. WAS Ø.06 IS Ø.06 THRU ALL (S.F. <b>-39</b> ). ADDED FINISH SPEC QMSI-6.2.2. B.O. REV D. <b>-35</b> CH'D DESCRIPTION WAS ADJUSTER HANDLE ROLL PIN IS SLOTTED SPRING PIN, CH'D B/O INFO WAS Ø1/8 X 1 IS Ø1/8 X 7/8 P/N #98296A882. <b>-37</b> CORRECTED MATERIAL CALLOUT WAS BLACK OXIDE IS STEEL. <b>-39</b> CH'D DESCRIPTION WAS COTTER KEYS IS COTTER PIN. <b>-43</b> ADDED B/O PN #90353A214. <b>-47</b> CH'D DIM WAS 15.00 IS 14.89. WAS 10.50 IS 10.47. WAS 4.25 IS 4.26. WAS 4X .4" IS 4X .75. WAS 4X R.37 IS 4X R.66. CH'D SIZE & DEPTHS OF CUTOUTS TO FIT TOOLS BETTER. ADDED DIMS 4X .75. 4X 45°. CH'D MATERIAL AND VENDOR WAS Y20 BLACK I.R. SPECIALTY IS ETHAFOAM 220 BLACK (CASE SOLUTIONS). <b>-49</b> CH'D DIM WAS 4X R.67 IS 4X R.66. WAS 10.40 IS 10.47. WAS 14.80 IS 14.89. DELETED DIM 4X R.64. ADDED DIM 4X .65. 4X 45°. ADDED TWO CUT OUTS. CH'D VENDOR AND MAT'L WAS I.R. SPECIALTY EGGSHELL FOAM IS (CASE SOLUTIONS) ETHAFOAM 220. BLACK. ADDED CUSTOMER SHTS 1 OF 2 AND 2 OF 2.	12/30/2016	RJC	SM
6	17-0164	<b>-05</b> CH'D DIM WAS Ø.3169/.3160 $\nabla$ 1.25 (S.F. <b>-07</b> ) IS Ø.3171/.316 $\nabla$ 1.25 (S.F. <b>-07</b> ). <b>-07</b> CH'D DIM WAS Ø.3150/.3144 (S.F. <b>-05</b> ) IS Ø.315/.306 (S.F. <b>-05</b> ). <b>-09</b> ADDED DIM .463. ENGRAVE NOTE WAS REMOVED ON REV 5. <b>-31</b> CH'D DIM WAS 2X .787 IS 2X .787 $\pm$ .001. <b>-47, -49</b> CH'D DWG. TOLERANCE WAS $\pm$ .005 TO $\pm$ .101, WAS $\pm$ .01 IS $\pm$ .03. DELETED SHEET 17 AND 18.	6/26/2017	RJC	JAG

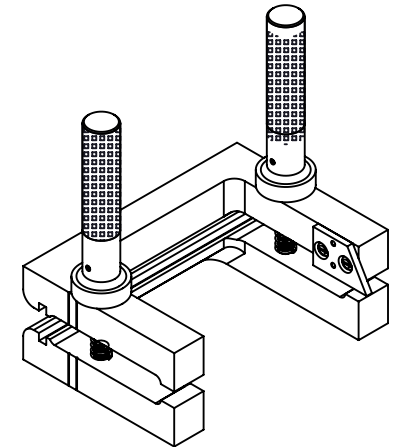
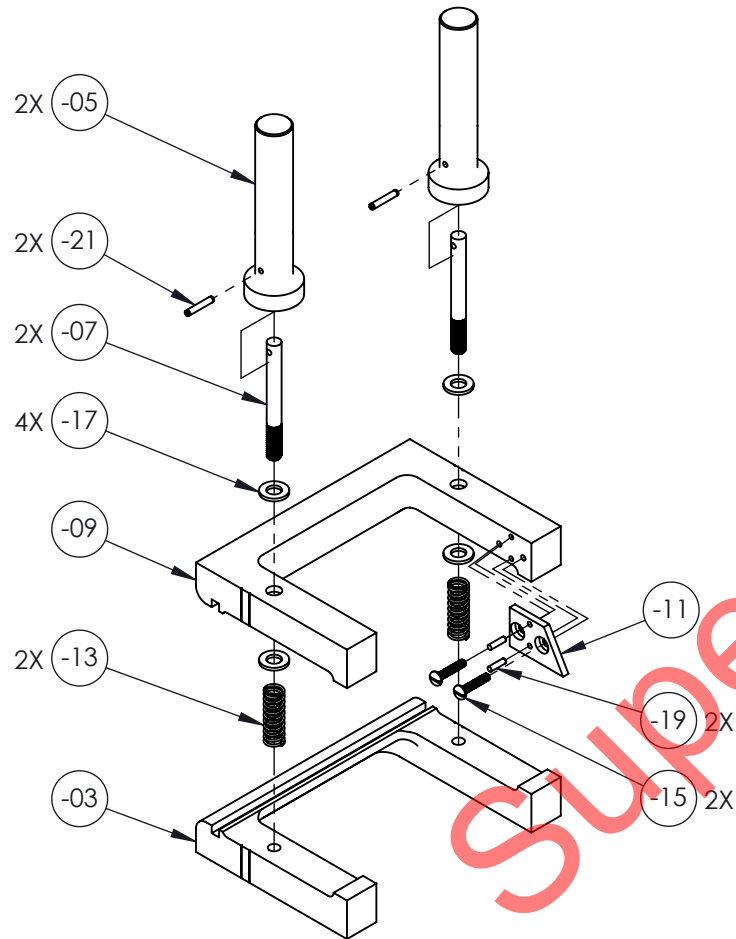
# UNDER REVIEW

URF 17-720 VM

			
TITLE MAIN ROTOR BLADE TRIM TAB TOOLS			
DWG NO. RBE703A94-1130-01		REV 6	
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± 5°	
		.X ± .1 SURFACES = 125/√	
DRAWN BY: PERRITT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: DUERFELDT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: MACKOVJAK		EUROCOPTER AS350A	
SCALE 1:5	DATE 10/16/2008	SHEET 1 OF 16	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	16-0272	-01 REMOVED NOTE Δ .	12/30/2016	RJC	SM




**UNDER REVIEW**

URF 17-720 VM

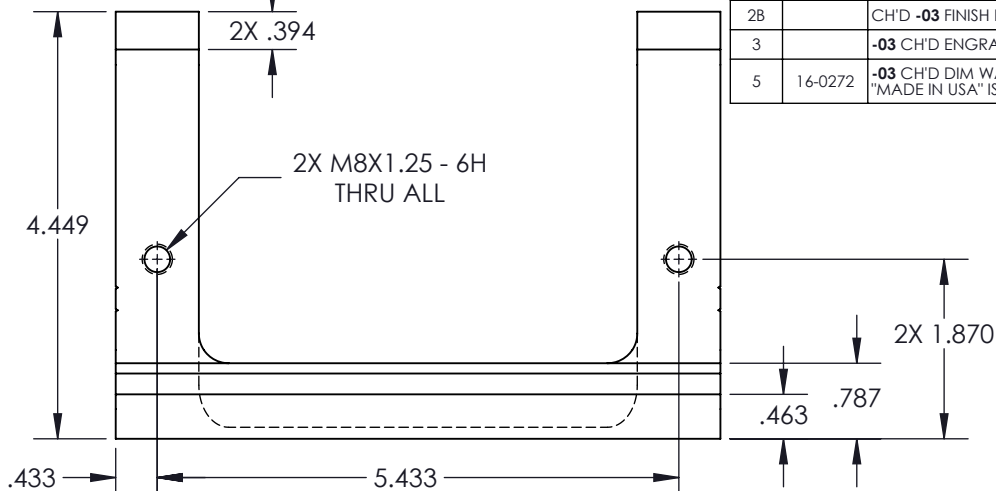
(-01)

IMMOBILIZING CLIP ASSEMBLY

<b>DART AEROSPACE</b>	
TITLE MAIN ROTOR BLAD ETRIM TAB TOOLS	
DWG NO. RBE703A94-1130-01-01	REV 6
MAT'L _____ HEAT _____ TREAT _____ FINISH _____ SPEC _____	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125 	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: PERRITT	USED ON MODEL
CHECKED: DUERFELDT	EUROCOPTER AS350A
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: MACKOVJAK	
SCALE 1:4	DATE 10/16/2008 SHEET 2 OF 16

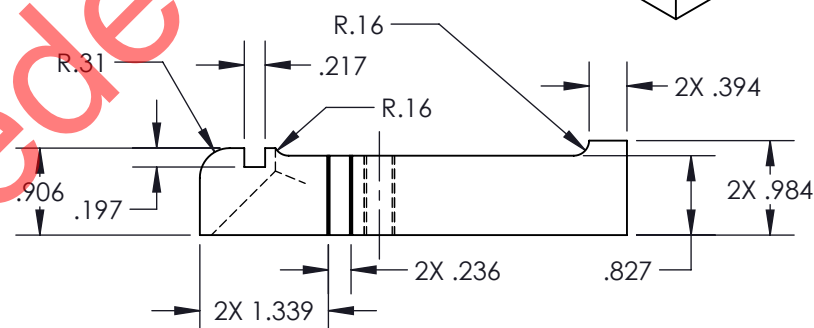
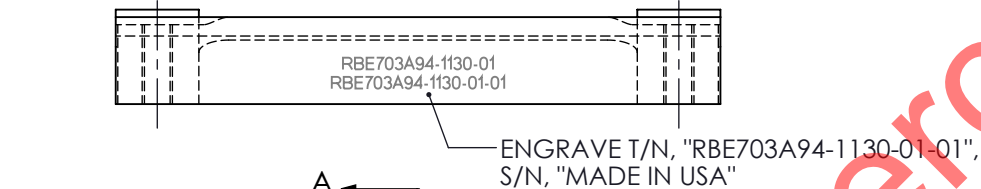
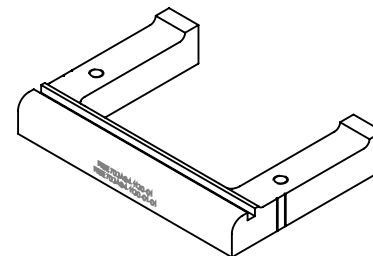
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		CH'D ENGRAVE NOTE P/N -03.	5/1/2009	RJC	RW
2		CH'D -03 NOTE 1 PER R.W.	9/16/2011	RJC	
2B		CH'D -03 FINISH FROM CLEAR ANODIZE TO RED ANODIZE, REMOVED POWDER COATING NOTES.	4/17/2013	CFS	RW
3		-03 CH'D ENGRAVE NOTE WAS RBEA94-1130-01 IS RBE703A94-1130-01.	6/24/2013	BIM	RW
5	16-0272	-03 CH'D DIM WAS 3X R.16 IS 2X R.16, ADDED R.16, CH'D ENGRAVE NOTE WAS ENGRAVE T/N, S/N, "MADE IN USA" IS ENGRAVE T/N, "RBE703A94-1130-01-01", S/N, "MADE IN USA".	12/30/2016	RJC	SM



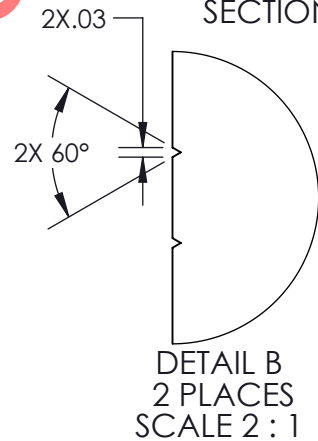
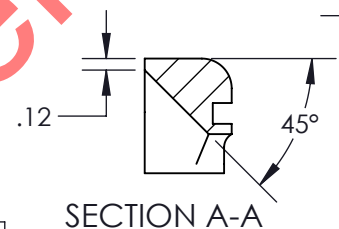
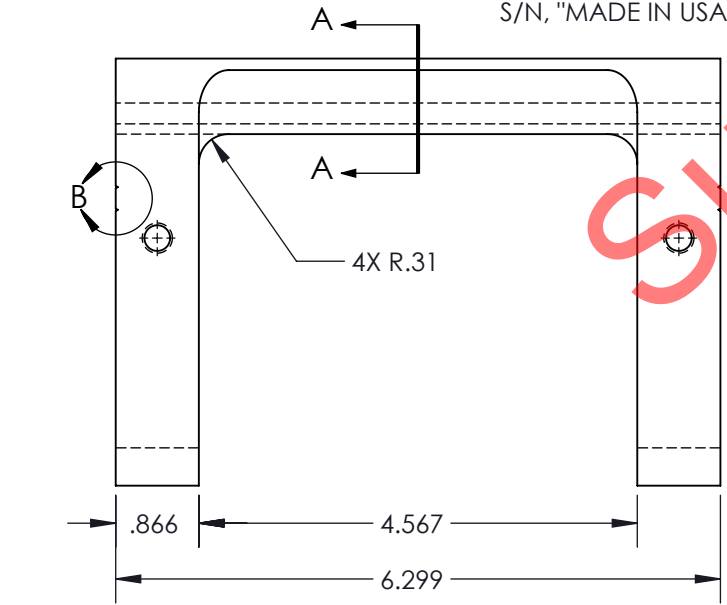
**UNDER REVIEW**

URF 17-720 VM



(-03)

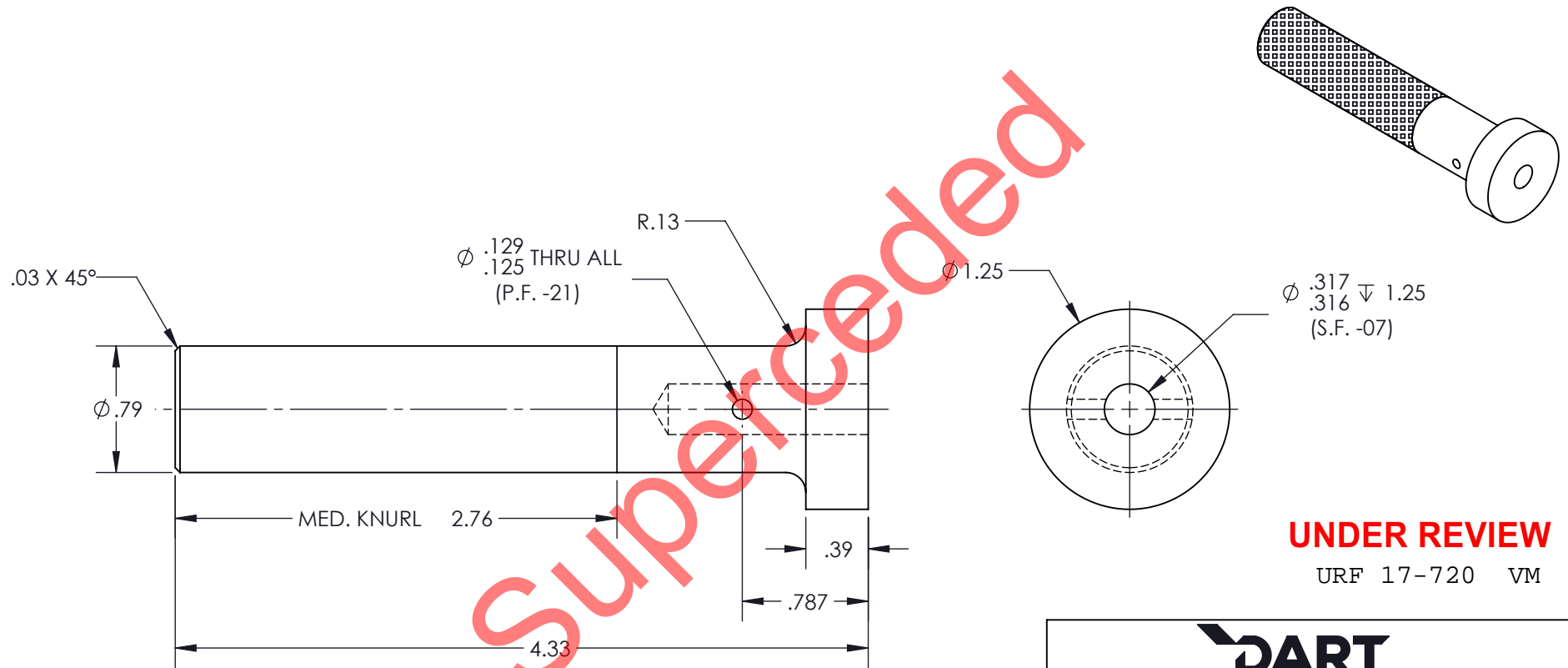
BOTTOM FIXTURE



<b>DART AEROSPACE</b>	
TITLE MAIN ROTOR BLADE TRIM TAB TOOLS	
DWG NO. RBE703A94-1130-01-03	REV 6
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH RED ANODIZE	.XX ± .01 ANGLES ± .5°
SPEC MIL-A-8625F, TYPE II, CLASS II	.X ± .1 SURFACES = 125✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	EUROCOPTER AS350A
SCALE 1:2	DATE 10/16/2008
	SHEET 3 OF 16

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		CH'D -05 DOWEL PIN HOLE FROM Ø.118in. [Ø3mm] PER G.E.	9/16/2011	RJC	
3		-05 CORRECTED VIEWS. CH'D DIM WAS Ø.315 $\nabla$ 1.25 IS Ø.315 $\nabla$ 1.25 S.F., CH'D DIM WAS Ø.129 THRU IS Ø.129/.125.	6/24/2013	BIM	RW
5	16-0272	-05 CH'D DIM WAS R.12 IS R.13, WAS Ø.129/.125 THRU IS Ø.129/.125 THRU ALL (P.F. -21), WAS Ø.315 $\nabla$ 1.25 IS Ø.3169/.3160 $\nabla$ 1.25 (S.F. -07).	12/30/2016	RJC	SM
6	17-0164	-05 CH'D DIM WAS Ø.3169/.3160 $\nabla$ 1.25 (S.F. -07) IS Ø.317/.316 $\nabla$ 1.25 (S.F. -07).	6/26/2017	RJC	JAG



**UNDER REVIEW**

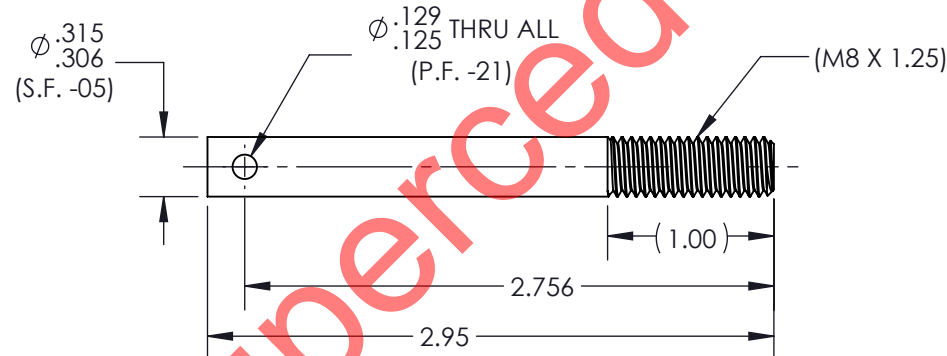
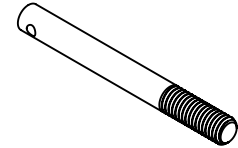
URF 17-720 VM

(05)  
FIXTURE HANDLE

<b>DART AEROSPACE</b>	
TITLE MAIN ROTOR BLADE TRIM TAB TOOLS	
DWG NO. RBE703A94-1130-01-05	REV 6
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX $\pm$ .005 FRACTIONS $\pm$ 1/8
FINISH CLEAR ANODIZE	.XX $\pm$ .01 ANGLES $\pm$ 5°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X $\pm$ .1 SURFACES = 125
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	EUROCOPTER AS350A
SCALE 1:1	DATE 10/16/2008
SHEET 4 OF 16	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2B		CH'D -07 WAS #91310A558 STEEL TO #91287A165 S.S.	4/17/2013	CFS	RW
3		-07 ADDED DIM S.F. -.05, CH'D DIM WAS Ø.125 FOR -21 IS Ø.129/.125 THRU.	6/24/2013	BIM	RW
5	16-0272	-07 ADDED DIM Ø.3150/.3144 (S.F. -.05), CH'D DIM WAS Ø.129/.125 THRU IS Ø.129/.125 THRU ALL (P.F. -21).	12/30/2016	RJC	SM
6	17-0164	-07 CH'D DIM WAS Ø.3150/.3144 (S.F. -.05) IS Ø.315/.306 (S.F. -.05).	6/26/2017	RJC	JAG



**UNDER REVIEW**

URF 17-720 VM

(-07)

HANDLE STUD

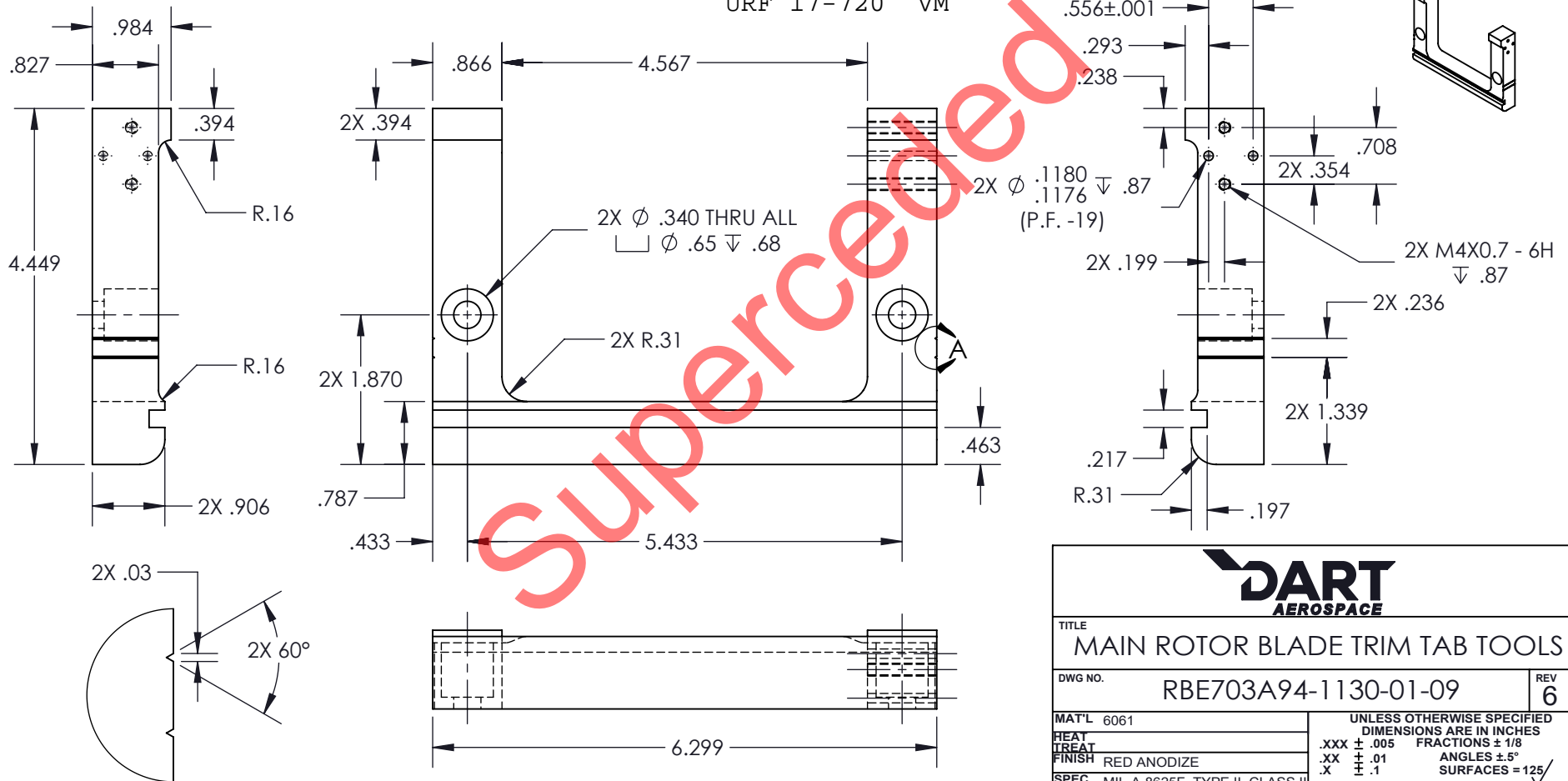
<b>DART AEROSPACE</b>	
TITLE <b>MAIN ROTOR BLADE TRIM TAB TOOLS</b>	
DWG NO. <b>RBE703A94-1130-01-07</b>	REV <b>6</b>
MAT'L S.S.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± .5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	EUROCOPTER AS350A
SCALE 1:1	DATE 10/16/2008
SHEET 5 OF 16	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		CH'D -09 NOTE 1 PER R.W., CH'D C-DRILL FROM Ø4mm TO Ø.170 PER G.E.	9/16/2011	RJC	
2A		ADDED -09 MISSING Ø3mm HOLE P.F. -19 DIMENSION PER G.E.	5/21/2012	RJC	GE
2B		-09 CH'D FINISH FROM CLEAR ANODIZE TO RED ANODIZE. REMOVED POWDER COATING NOTES.	4/17/2013	CFS	RW
3		-09 CH'D ENGRAVE NOTE WAS RBEA94-1130-01 IS RBE703A94-1130-01, CH'D DIM WAS Ø.118 P.F. -19 IS Ø.1180/.0076 (x2).	6/24/2013	BIM	RW
5	16-0272	-09 CH'D DIM WAS 2X Ø.340 THRU L $\perp$ Ø.63 $\nabla$ .68 IS 2X Ø.340 THRU ALL L $\perp$ Ø.65 $\nabla$ .68, WAS 2X M4X0.7 THRU Ø.170 X (82°) CDRILL $\nabla$ 11mm IS 2X M4X0.7 6H $\nabla$ .87, WAS 2X Ø.1180/.1176 IS 2X .1180/.1176 $\nabla$ .87 (P.F. -19), WAS 3X R.16 IS R.16, WAS .556 IS .556 ±.001.	12/30/2016	RJC	SM
6	17-0164	-09 ADDED DIM .463. ENGRAVE NOTE WAS REMOVED ON REV 5.	6/26/2017	RJC	JAG

**UNDER REVIEW**

URF 17-720 VM



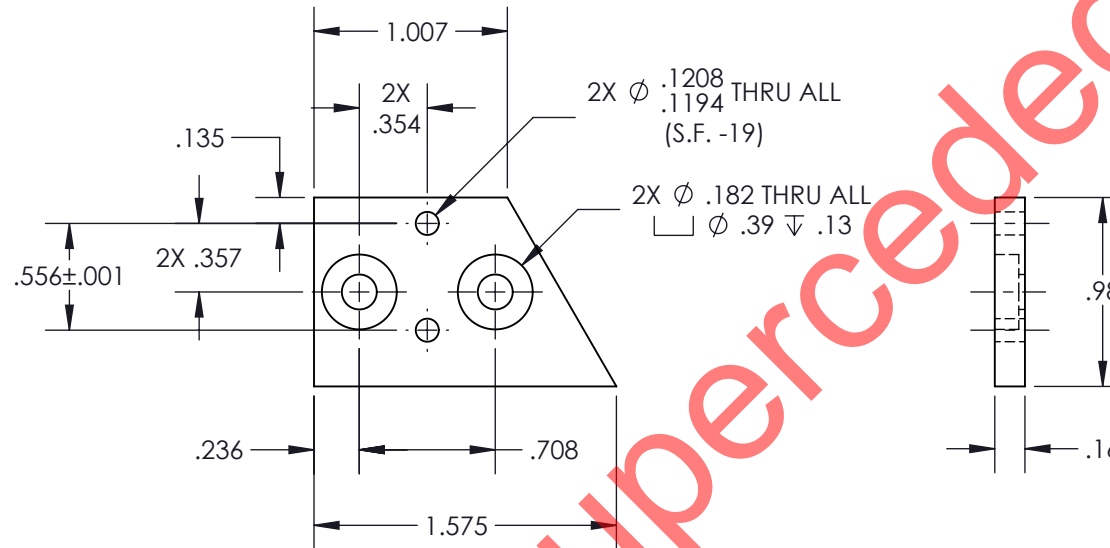
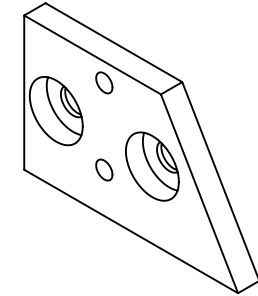
DETAIL A  
2 PLACES  
SCALE 2 : 1

BOTTOM FIXTURE

<b>DART AEROSPACE</b>	
TITLE <b>MAIN ROTOR BLADE TRIM TAB TOOLS</b>	
DWG NO. <b>RBE703A94-1130-01-09</b>	REV <b>6</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH RED ANODIZE	.XX ± .01 ANGLES ± .5°
SPEC MIL-A-8625F, TYPE II, CLASS II	.X ± .1 SURFACES = 125✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	EUROCOPTER AS350A
SCALE 1:2	DATE 10/16/2008
SHEET 6 OF 16	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		CH'D -11 Ø.118 HOLE FROM P.F. TO S.F. PER GE.	9/16/2011	RJC	
3		-11 CH'D DIM WAS Ø.118 S.F. -19 (X2) IS Ø.1208/.1197 (X2).	6/24/2013	BIM	RW
5	16-0272	-11 CH'D DIM WAS 2X Ø.1208/.1194 IS 2X Ø.1208/.1194 (S.F. -19). WAS .157 IS .16. WAS .984 IS .98. WAS .556 IS .556 ±.001.	12/30/2016	RJC	SM



**UNDER REVIEW**

URF 17-720 VM

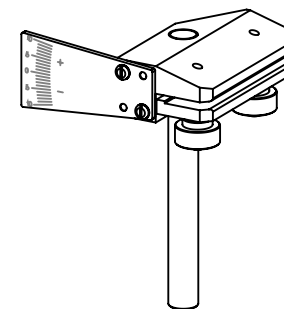
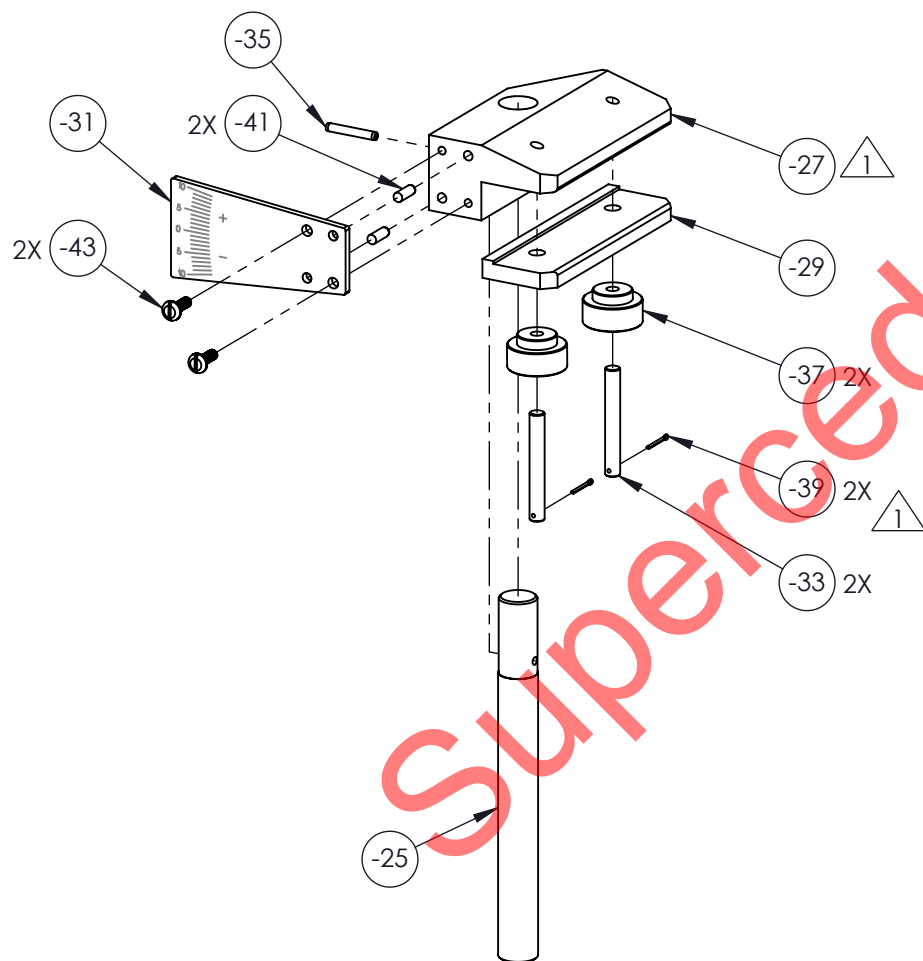
(-11)

ANGLE INDICATOR

<b>DART AEROSPACE</b>	
TITLE <b>MAIN ROTOR BLADE TRIM TAB TOOLS</b>	
DWG NO. <b>RBE703A94-1130-01-11</b>	REV <b>6</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .01 ANGLES ±.5°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X ± .1 SURFACES = 125✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	EUROCOPTER AS350A
SCALE 1:1	DATE 10/16/2008 SHEET 7 OF 16

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	16-0272	-23 ADDED NOTE $\triangle$ .	12/30/2016	RJC	SM



**UNDER REVIEW**

URF 17-720 VM

NOTE:

$\triangle$  1 APPLY LOCTITE 263 OR EQUIVALENT TO THREADS UPON ASSY.

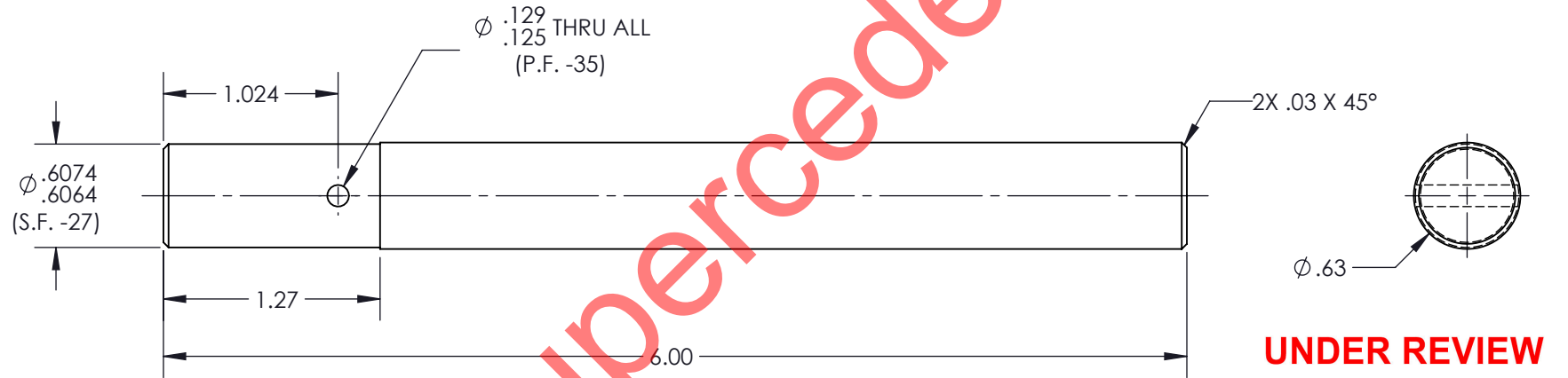
(23)  
DEFLECTION CLIP ASSEMBLY

<b>DART AEROSPACE</b>	
TITLE MAIN ROTOR BLADE TRIM TAB TOOLS	
DWG NO. RBE703A94-1130-23	REV 6
MAT'L HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm$ .005 FRACTIONS $\pm$ 1/8 .XX $\pm$ .01 ANGLES $\pm$ 5° .X $\pm$ .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: PERRITT	USED ON MODEL
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: MACKOVJAK	EUROCOPTER AS350A
SCALE 1:3	DATE 10/16/2008 SHEET 8 OF 16



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		CH'D HOLE DIA. P/N -25 & ADDED P.F., CH'D DOWEL DIM TO METRIC ONLY.	5/1/2009	RJC	RW
2		ADDED -25 DIMENSION 1.250in. [32mm] TO ENSURE -25 WILL S.F. INTO -27 PER G.E.	9/16/2011	RJC	
3		-25 CH'D DIM WAS Ø4mm P.F. -41 IS Ø.1575/.1572, CH'D DIM WAS .625 S.F. -27 IS (.625) S.F. -27.	6/24/2013	BIM	RW
4		-25 CH'D DIM WAS LIMITS Ø.1572 TO .1575 IS LIMITS Ø.1564 TO .1570.	4/10/2014	DPD	GE
5	16-0272	-25 CH'D DIM WAS (Ø.625) S.F. -27 IS Ø.63, WAS Ø.1570/.1564 IS Ø.129/.125 (P.F. -35), WAS 1.25 IS 1.27, ADDED DIM Ø.6074/.6064 (S.F. -27).	12/30/2016	RJC	SM

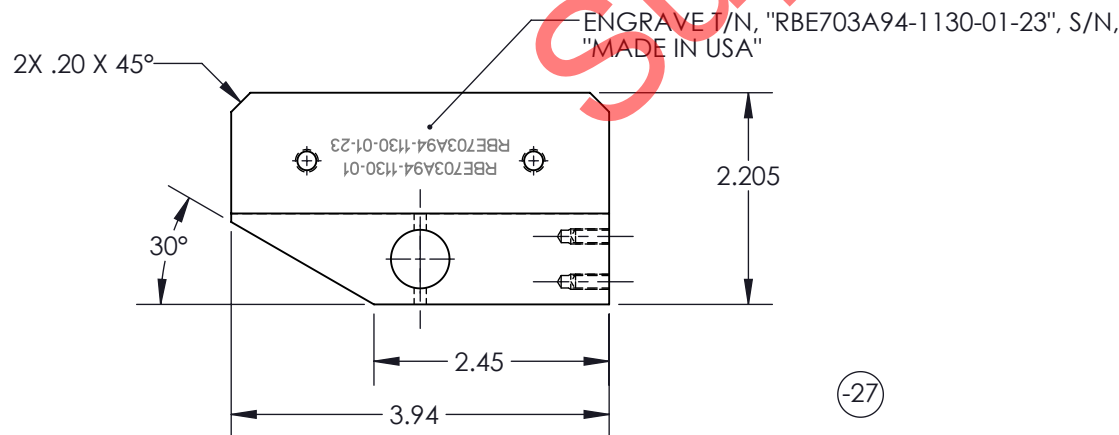
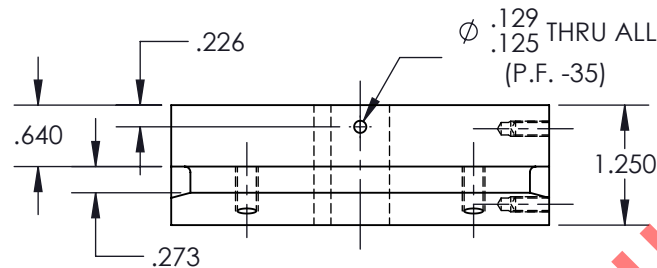
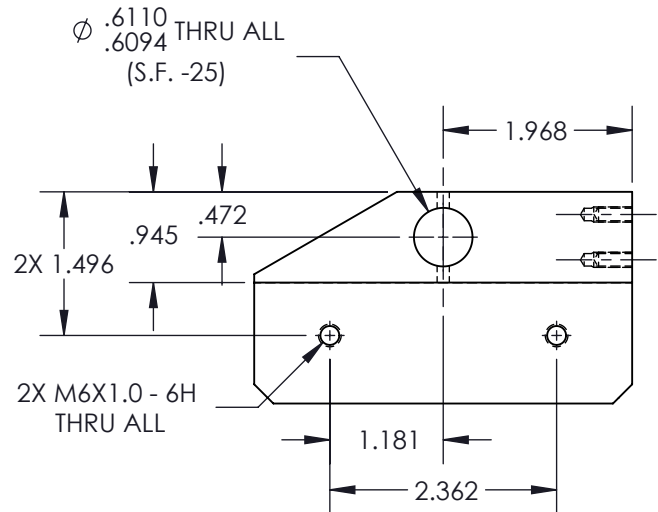


**UNDER REVIEW**  
URF 17-720 VM

(25)  
TAB ADJUSTER HANDLE

<b>DART AEROSPACE</b>	
TITLE <b>MAIN ROTOR BLADE TRIM TAB TOOLS</b>	
DWG NO. <b>RBE703A94-1130-01-25</b>	REV <b>6</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .01 ANGLES ± 5°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X ± .1 SURFACES = 125
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	EUROCOPTER AS350A
SCALE 1:1	DATE 10/16/2008
SHEET 9 OF 16	

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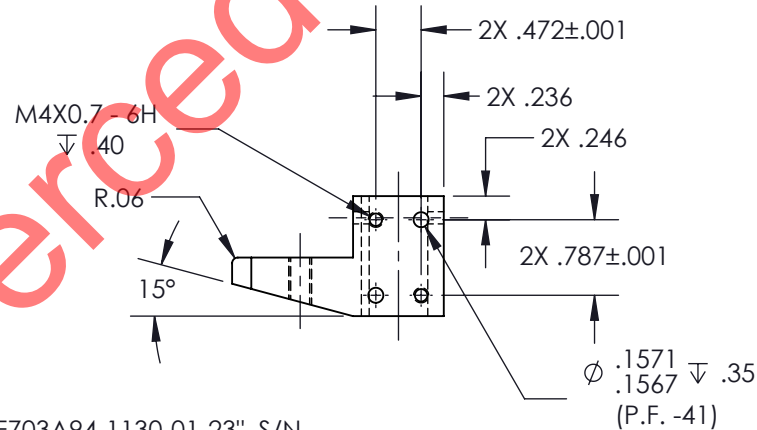
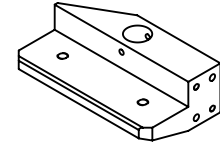
(-27)

TAB ADJUSTER BODY

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		CH'D P/N -27 ROLL PIN HOLE DIA. TO 4mm ONLY ADDED P.F., CH'D RADIUS DIM P/N -27, CH'D DOWEL DIM TO 4mm OLY ADDED DEPTH .354.	5/1/2009	RJC	RW
2		CORRECTED -27 CHAMFER DIMENSION FROM 1.97in. TO .197 PER G.E.	9/16/2011	RJC	
2A		ADDED -27 MISSING R.062 DIMENSION PER G.E.	5/21/2012	RJC	GE
3		-27 CH'D ENGRAVE NOTE WAS RBEA94-1130-01 IS RBE703A94-1130-01. CH'D DIM WAS $\phi 4mm$ THRU S.F. -41 IS $\phi 1.607/1.592$ S.F. -41. CH'D DIM WAS $\phi 4mm$ $\nabla .354$ (X2) IS $\phi .1575/.1572$ $\nabla .35$ (X2). ADDED MISSING DIM .236.	6/24/2013	BIM	RW
4		-27 CH'D DIMS WAS $\phi .1592$ TO .1607 IS $\phi .1575/.1580$ , WAS $\phi .1572$ TO .1575 IS $\phi .1567/.1571$ .	4/10/2014	DPD	GE
5	16-0272	-27 CH'D DIM WAS $\phi .625$ S.F. -25 IS $\phi .6110/.6094$ (S.F. -25), WAS $\phi .1580/.1575$ IS $\phi .129/.125$ (P.F. -35), WAS $\phi .1571/.1567$ $\nabla .35$ IS $\phi .1571/.1567$ $\nabla .35$ (P.F. -41), WAS M4 X 0.7 $\nabla .55$ IS M4X0.7-6H $\nabla .40$ , WAS 2X .472 IS 2X .472 $\pm .001$ , WAS 2X .787 IS 2X .787 $\pm .001$ , CH'D ENGRAVE NOTE WAS ENGRAVE T/N, S/N, "MADE IN USA" IS ENGRAVE T/N, "RBE703A94-1130-01-23", S/N, "MADE IN USA".	12/30/2016	RJC	SM

UNDER REVIEW

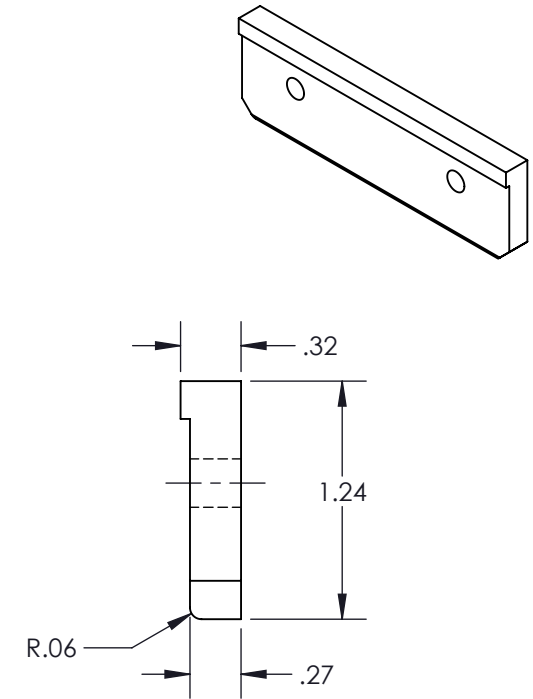
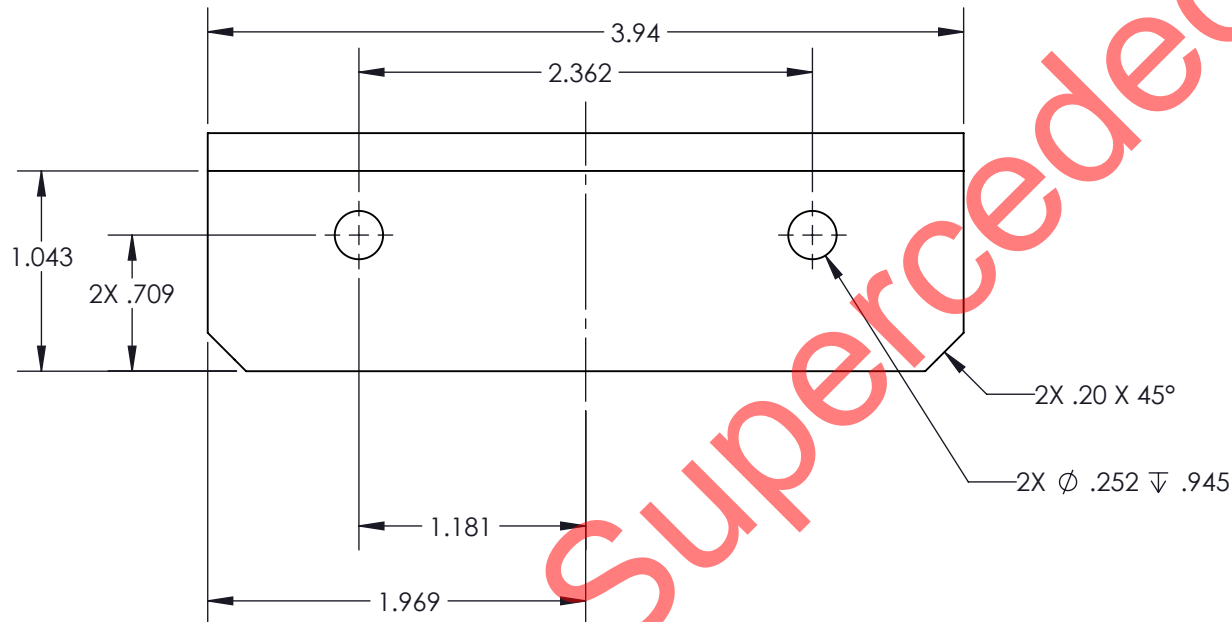
URF 17-720 VM



DART AEROSPACE			
TITLE MAIN ROTOR BLADE TRIM TAB TOOLS			
DWG NO. RBE703A94-1130-01-27			REV 6
MAT'L 6061		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX $\pm .005$ FRACTIONS $\pm 1/8$	
FINISH CLEAR ANODIZE		.XX $\pm .01$ ANGLES $\pm .5^\circ$	
SPEC MIL-A-8625F, TYPE II, CLASS I		.X $\pm .1$ SURFACES = 125	
DRAWN BY: PERRITT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: DUERFELDT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: MACKOVJAK		EUROCOPTER AS350A	
SCALE 1:2		DATE 10/16/2016	SHEET 10 OF 16

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		CH'D RADIUS DIM -29.	5/1/2009	RJC	RW
2		CORRECTED -29 CHAMFER DIMENSION FROM 1.97in. TO .197 PER G.E.	9/16/2011	RJC	
5	16-0272	-29 CH'D DIMS WAS 1.240 IS 1.24, WAS 3.937 IS 3.94, WAS .315 IS .32, WAS .266 IS .27, WAS 2X Ø.245 THRU ALL IS 2X Ø.252 THRU ALL.	12/30/2016	RJC	SM



**UNDER REVIEW**

URF 17-720 VM

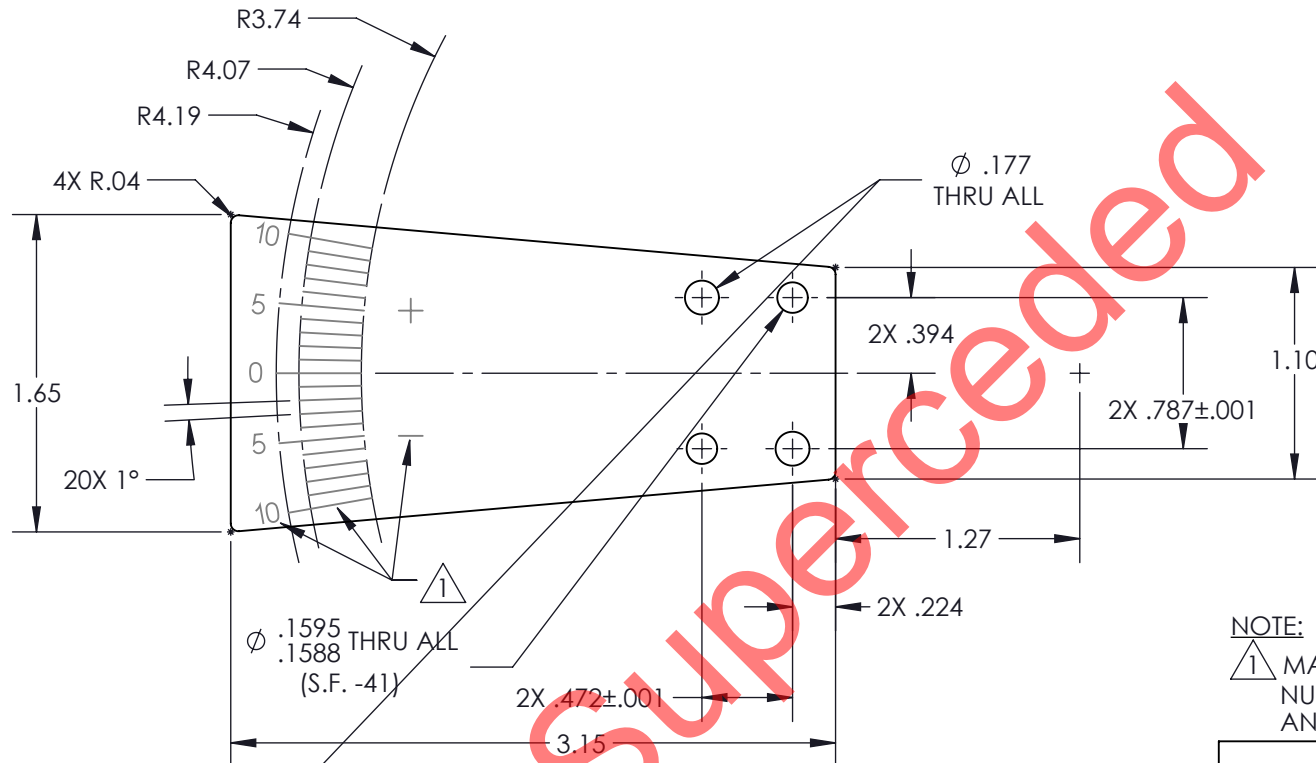
(-29)

TAB ADJUSTER CLAMP

<b>DART AEROSPACE</b>	
TITLE <b>MAIN ROTOR BLADE TRIM TAB TOOLS</b>	
DWG NO. <b>RBE703A94-1130-01-29</b>	REV <b>6</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .01 ANGLES ± .5°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X ± .1 SURFACES = 125
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	EUROCOPTER AS350A
SCALE 1:1	DATE 10/16/2008
SHEET 11 OF 16	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		-31 CH'D DIM WAS Ø.157 S.F. -41 (x2), IS Ø.1607/.1592, ADDED MISSING DIM (.394).	6/24/2013	BIM	RW
4		-31 CH'D DIM WAS LIMITS Ø.1592 TO .1607 IS Ø.1578 TO .1585.	4/10/2014	DPD	GE
5	16-0272	-31 CH'D DIM WAS Ø.177 IS Ø.177 THRU ALL, WAS 1.272 IS 1.27, WAS 1.102 IS 1.10, WAS 1.653 IS 1.65, WAS .120 IS .12, WAS R3.742 IS R3.74, WAS R4.067 IS R4.07, WAS R4.185 IS R4.19, WAS 3.150 IS 3.15, WAS Ø.1585/.1578 IS .1595/.1588 (S.F. -41), WAS 2X .472 IS 2X .472 ±.001. CH'D NOTE 1 WAS PAINT GROOVES & NUMBERS BLACK AFTER ANODIZING IS MACHINE ENGRAVE, PAINT GROOVES, NUMBERS AND SYMBOLS BLACK AFTER ANODIZING.	12/30/2016	RJC	SM
6	17-0164	-31 CH'D DIM WAS 2X .787 IS 2X .787 ±.001.	6/26/2017	RJC	JAG



**UNDER REVIEW**

URF 17-720 VM

NOTE:

1 MACHINE ENGRAVE, PAINT GROOVES, NUMBERS AND SYMBOLS BLACK AFTER ANODIZING.

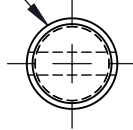
TAB ADJUSTER GAUGE PLATE

<b>DART AEROSPACE</b>	
TITLE MAIN ROTOR BLADE TRIM TAB TOOLS	
DWG NO. RBE703A94-1130-01-31	REV 6
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .01 ANGLES ±.5°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X ± .1 SURFACES = 125/✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	EUROCOPTER AS350A
SCALE 1:1	DATE 10/16/2008
SHEET 12 OF 16	

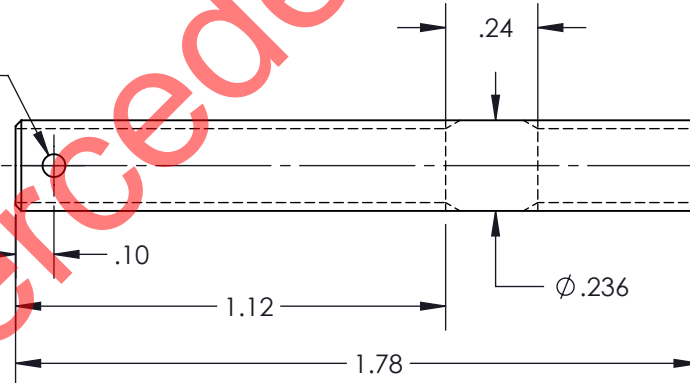
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	16-0272	-33 CH'D DIM WAS M6 X 1 IS 2X M6x1.0 6g, WAS .100 IS .10, WAS Ø.06 IS Ø.06 THRU ALL (S.F. -39). ADDED FINISH SPEC QMSI-6.2.2, B.O. REV D.	12/30/2016	RJC	SM

2X M6x1.0 6g



Ø .06 THRU ALL  
(S.F. -39)



**UNDER REVIEW**

URF 17-720 VM

(-33)

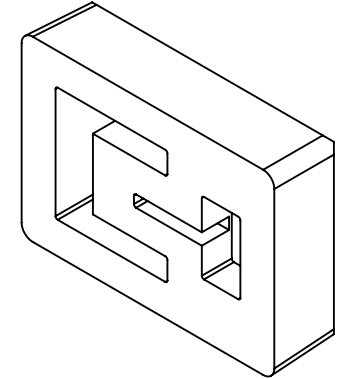
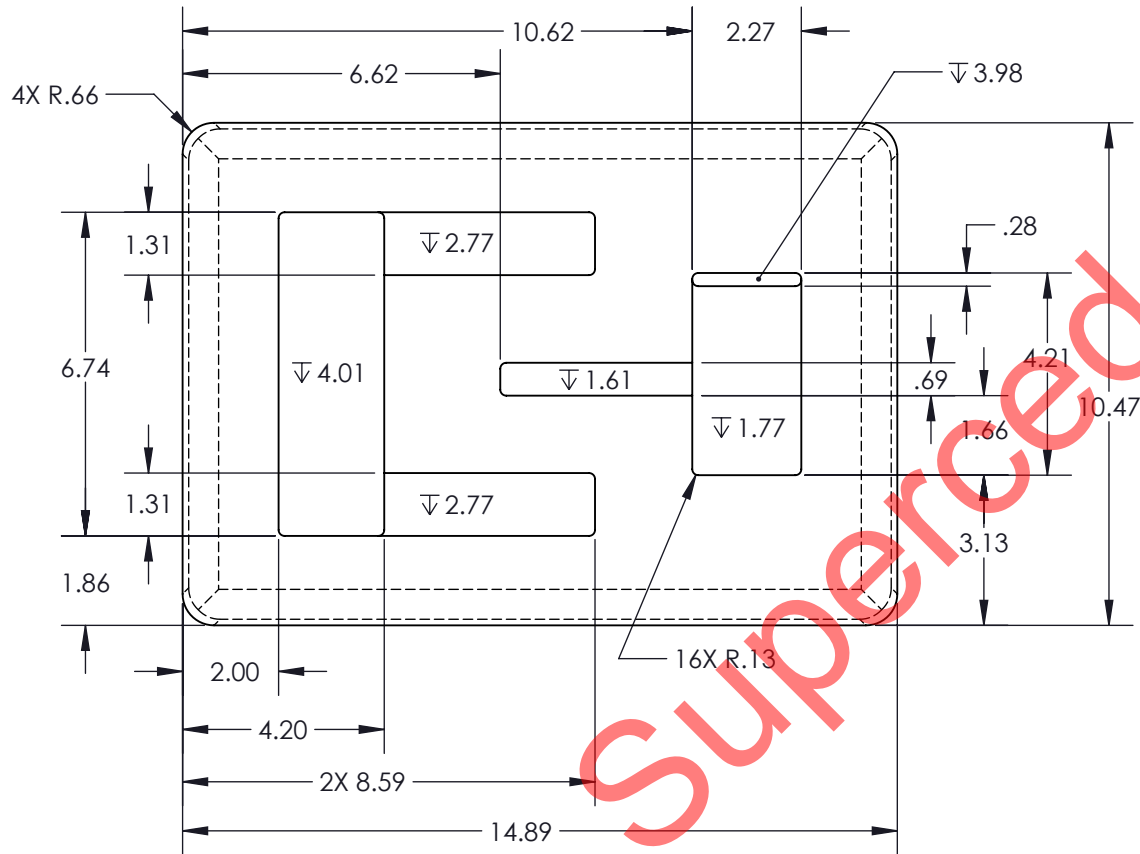
ADJUSTER



TITLE		MAIN ROTOR BLADE TRIM TAB TOOLS	
DWG NO.	RBE703A94-1130-01-33		REV 6
MAT'L 01	UNLESS OTHERWISE SPECIFIED		
HEAT TREAT	DIMENSIONS ARE IN INCHES		
FINISH BLACK OXIDE	.XXX ± .005 FRACTIONS ± 1/8		
SPEC QMSI-6.2.2, B.O. REV D	.XX ± .01 ANGLES ± 5°		
DRAWN BY: PERRITT	.X ± .1 SURFACES = 125°		
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES		
OPPS APPR: ANDERSON	.015 x 45° OR .015R		
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
APPROVED: MACKOVJAK	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
SCALE 2:1	DATE 10/16/2008	USED ON MODEL	
		EUROCOPTER AS350A	
		SHEET 13 OF 16	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		-47 ADDED DIM (4X) R.37.	6/24/2013	BIM	RW
5	16-0272	-47 CH'D DIM WAS 15.00 IS 14.89, WAS 10.50 IS 10.47, WAS 4.25 IS 4.26, WAS 4X 4° IS 4X 2°, WAS 4X R.37 IS 4X R.66, CH'D SIZE & DEPTHS OF CUTOUTS TO FIT TOOLS BETTER, ADDED DIMS 4X .75, 4X 45°, CH'D MATERIAL AND VENDOR WAS Y20 BLACK I.R. SPECIALTY IS ETHAFOAM 220 BLACK (CASE SOLUTIONS).	12/30/2016	RJC	SM
6	17-0164	-47 CH'D DWG. TOLERANCE WAS ±.005 TO ±.101, WAS ±.01 IS ±.03.	6/26/2017	RJC	JAG



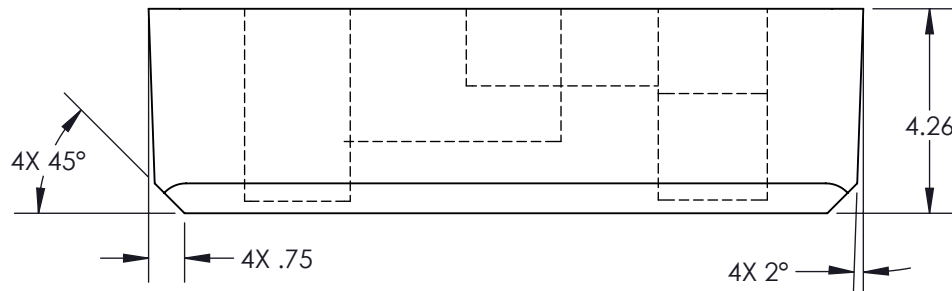
**UNDER REVIEW**

URF 17-720 VM

<b>DART AEROSPACE</b>	
TITLE <b>MAIN ROTOR BLADE TRIM TAB TOOLS</b>	
DWG NO. <b>RBE703A94-1130-01-47</b>	REV <b>6</b>
MAT'L ETHAFOAM 220, BLACK HEAT TREAT FINISH SPEC DRAWN BY: PERRITT CHECKED: DUERFELDT OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: MACKOVJAK SCALE 1:4	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 USED ON MODEL EUROCOPTER AS350A	
DATE 10/16/2008 SHEET 14 OF 16	

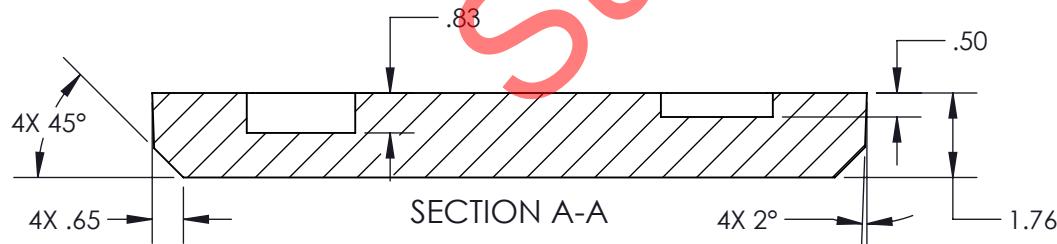
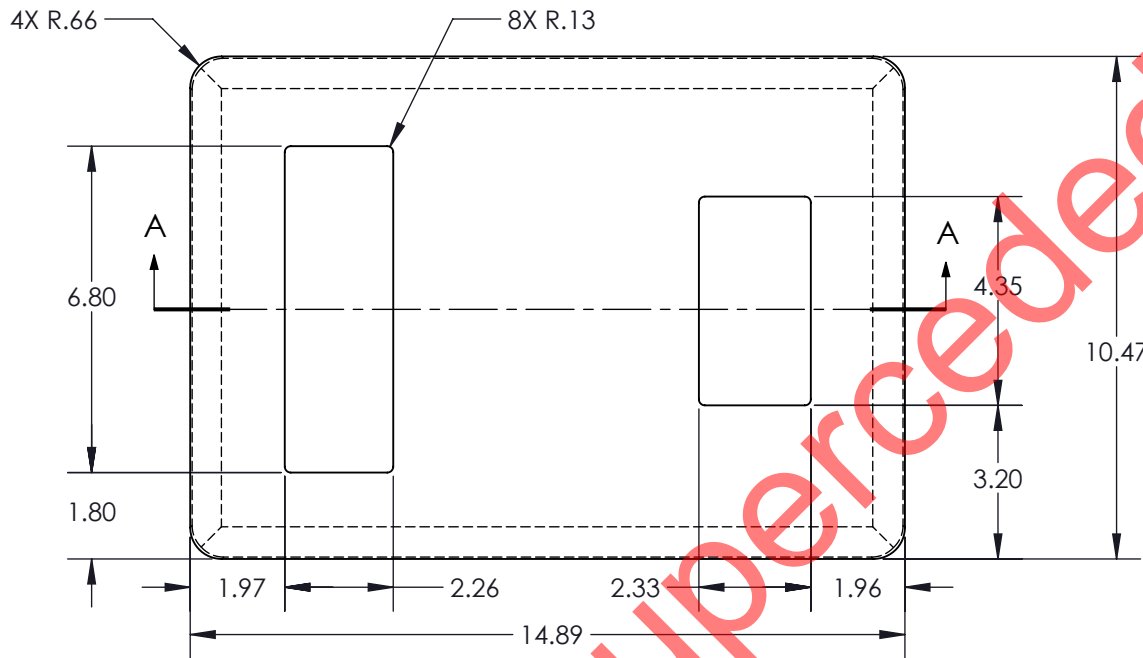
(-47)

BOTTOM FOAM



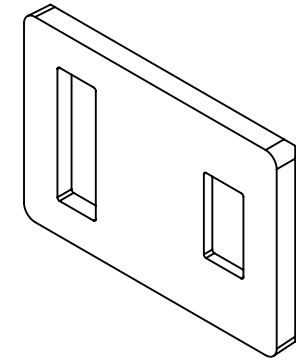
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1A		-49 ADDED LID FOAM.	4/13/2011	RJC	RW
5	16-0272	-49 CH'D DIM WAS 4X R.67 IS 4X R.66, WAS 10.40 IS 10.47, WAS 14.80 IS 14.89, DELETED DIM 4X R.64. ADDED DIM 4X .65, 4X 45°, ADDED TWO CUT OUTS, CH'D VENDOR AND MAT'L WAS I.R. SPECIALTY EGG SHELL FOAM IS (CASE SOLUTIONS) ETHAFOAM 220, BLACK.	12/30/2016	RJC	SM
6	16-0164	-49 CH'D DWG. TOLERANCE WAS ±.005 TO ±.101, WAS ±.01 IS ±.03.	6/26/2017	RJC	JAG



(-49)

TOP FOAM

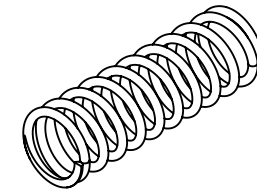
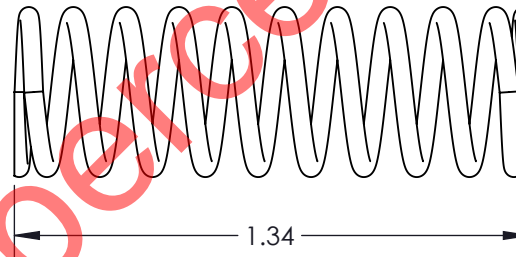
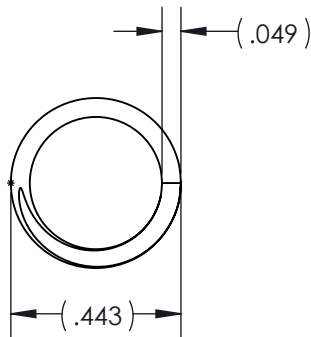


**UNDER REVIEW**  
URF 17-720 VM

<b>DART AEROSPACE</b>	
TITLE <b>MAIN ROTOR BLADE TRIM TAB TOOLS</b>	
DWG NO. <b>RBE703A94-1130-01-49</b>	REV <b>6</b>
MAT'L ETHAFOAM 220, BLACK HEAT TREAT FINISH SPEC DRAWN BY: PERRITT CHECKED: DUERFELDT OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: MACKOVJAK SCALE 1:4	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 USED ON MODEL EUROCOPTER AS350A DATE 10/16/2008 SHEET 15 OF 16	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	16-0272	-13 ADDED DWG.	12/30/2016	RJC	SM



**UNDER REVIEW**

URF 17-720 VM

(-13)

COMPRESSION SPRING

<b>DART AEROSPACE</b>	
TITLE MAIN ROTOR BLADE TRIM TAB TOOLS	
DWG NO. RBE703A94-1130-01-13	REV 6
MAT'L Steel Music Wire	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	EUROCOPTER AS350A
SCALE 2:1	DATE 12/30/2016 SHEET 16 OF 16